

OSH and E Targets
FY06

OSH Targets FY06

- **Implement Items from Management Review Record of Decision**
 - Reduce injuries toward zero, DART ≤ 0.35 and TRCR ≤ 0.87
 - Repair Building 912 roof
 - Achieve OHSAS 18001 re-registration
 - Reduce repeated types of OSHA violations; the C-AD goal is zero repeat violations
 - Perform arc flash calculations, as per NFPA 70E, for safe work distances from electrical devices; ensure the most pressing areas have a high priority
 - Perform more baseline industrial hygiene surveys in FY06 as per the ISM assessment
 - Remove potential sources of beryllium exposure at C-AD such as some types of non-magnetic tools

OSH Targets FY06

- **Implement Items from Management Review Record of Decision Continued**
 - Promote the understanding that C-AD management recognizes the principles of a just culture and that increased awareness of injury statistics must not cause workers to be reluctant to report injuries
 - Review work at C-AD for physical capabilities of the worker with consideration of age of the worker, and implement ergonomic methods to reduce potential injuries
 - Request the Laboratory to promote the advantages of having employees participate in periodic physicals at OMC
 - Request the Laboratory to capture required physical exams and the completion of a Job Assessment Form (JAF) for each employee in the BTMS training database

OSH Targets FY06

- **Implement Items from Management Review Record of Decision Continued**
 - Request the OMC to use electronic forms for the JAF, including last year's data on the form
 - Improve the pre-job briefing program to help reduce errors and injuries; Use Human Performance training to improve pre-job briefings so that briefings simultaneously promote less paper work, improve understanding of the tasks and create fewer errors
 - Increase ESHQ productivity by streamlining C-AD management systems
 - Improve housekeeping programs
 - Review Skill of the Worker jobs to ensure that they are low hazard jobs
 - Request the Laboratory to establish performance measures to improve fire protection and to speed fire protection improvements to provide a real commitment about fire alarm/detection upgrades

OSH Targets FY06

- **Implement Items from Management Review Record of Decision Continued**
 - Support the Laboratory effort to qualify Radiological Control Technicians so that they in turn may support the IH baseline work in anticipation of the ISM review in 2006 and the implementation of 10CFR851
 - Request the Laboratory to ensure that Skill of the Worker job requirements as defined in SBMS are being appropriately followed by ensuring these jobs are low hazard
 - Establish targets for preparation for the ISM review
 - Coordinate and closeout OSHA violations with PE
 - Establish targets to address removal of aging cable in the AGS Ring
 - Establish targets to prepare ERL and EBIS authorization documents

OSH Targets FY06

- **Implement Items from Management Review Record of Decision Continued**
 - Request the Laboratory to identify, prioritize, and track OSHA violations at the lab level, especially those concerning infrastructure
 - Re-enforce worker involvement; for example, institute an annual Safety Week similar to the one performed in FY05 Improve the C-AD worker self-evaluation program by giving workers specific charges
 - If 10 CFR 851 is enacted, then implement policy to address any new or modified regulatory requirements; establish targets to comply with 10CFR851
 - Request the Laboratory to combine multiple OSH related management systems into one system in order to increase productivity

OSH Targets FY06

- **Accident/Illness Reduction**
 - Explore a method that will be effective in an organization to investigate *near misses*
- **Complete OSHA violations**
 - Implement the system for tracking closure of identified OSHA findings that do not have funding and to track newly self-identified pre-existing conditions that are not in compliance with OSHA regulations
- **OHSAS 18001 Policy Awareness**
 - Have employees take the OSH training course, TQ-Safeaware
 - Provide at least one targeted Department-wide OSH Awareness initiative at the manager, supervisor and staff levels

OSH Targets FY06

- **Emphasize Traffic Safety**
 - Promote traffic traffic-law compliance and emphasize the importance of operating vehicles safely at a toll box meeting or safety talk
- **Emphasize Safety Solutions Program**
 - Submit two safety solution prevention project proposals to the S2 Council by January 31, 2006
 - Submit success story from S2 Program funding to the BNL S2 program manager by September 15, 2006
- **Improve Industrial Hygiene Program Compliance**
 - Participate in surveillance programs initiated at the site level to ensure that the safe work practices are in place for particularly hazardous chemical substances
 - Support the closure of relevant IH Assessment Corrective Action Plan Actions assigned to C-AD

OSH Targets FY06

- **Implementation of NRTL Program**
 - Complete training of organization level NRTL Subject Matter Experts (SMEs)
 - Evaluate and document progress of existing equipment reviews as per the 5 year Plan
 - Involve SME in Experimental Reviews and new Project Designs involving affected electrical equipment
- **Improve Communications**
 - Submit occupational safety and health examples to the lessons learned program

Environmental Targets FY06

- **Environmental Management System (EMS)**
 - Achieve ISO 14001 re-registration
 - Policy Awareness: Provide at least 1 targeted EMS Awareness initiative at the supervisor and staff level at a tool box or pre-work meeting; focus on how a specific task interacts with the environment and the employees responsibilities for that task, and include any consequences from departure from properly carrying out the assigned task
 - Request that the Laboratory to improve management oversight of new SBMS documents; this applies to both E and OSH related Subject Areas; the former SBMS Steering Committee has been disbanded in order to speed up the process of review and publication of requirements; request that the Laboratory to reinstate an expedited review that involves Department Chairs and Division Managers so that requirements are fully supported and understood

Environmental Targets FY06

- **Compliance**

- Conduct a review of all solvent use, specifically methylene chloride, and ensure the chemical owner and other users are aware that the substance cannot be discharged to the sanitary system
- Review MSDS of trade name products to identify any that may have methylene chloride as an ingredient; if found, evaluate the use and disposal practices of the product
- Evaluate effectiveness of corrective actions identified on Tank inspection forms by reviewing FY04 and FY05 tank inspection checklists for timeliness, completeness and implementation of corrective actions

- **Compliance Continued**

- Identify at least one legacy waste (includes lab clean outs, etc) and disposition by 9/30/06
- Communicate Satellite Accumulation Area requirements to Hazardous Waste Generators four times per year
- Review product use and identify one Class I or Class II Ozone Depleting Substance (ODS) and replace with a Non-ODS substitute
- Identify suitable replacements for mercury containing devices and prepare P2 funding requests to effect replacement and disposal of non-essential mercury

Environmental Targets FY06

- **Pollution Prevention**

- Target one Department specific waste stream for reduction and put in place an action plan to reduce it
- Submit a minimum of one pollution prevention project proposals to the P2 Council by December 15, 2005
- Submit a minimum of one success stories and/or lessons learned to the BNL P2 program manager by September 15, 2006
- Continue the reduction of PCB containing devices at Linac and B912
- Reduce the number of spills by
 - Minimize the practice of parking on non paved surfaces
 - Hold staff and contractor meetings on reducing hydraulic oil spills from equipment by ensuring hydraulic hoses are inspected periodically
 - Hold toolbox and staff meetings on spills associated with overfills due to thermal expansion

Environmental Targets FY06

- **Communications**

- Highlight environmental improvements in Lab-wide or Department outreach programs or publications
- Assist the Laboratory in maintaining continuous public outreach by informing outside groups about environmental success stories concerning the C-AD facilities
- Assist the Laboratory in promoting positive aspects of the environmental successes at C-AD to the CAC and BER

Environmental Targets FY06

- **GROUNDWATER PROTECTION**

- Design, operate, and maintain facilities in a manner that is protective of groundwater quality
- Archive data on activated soils
- Ensure the Focused Feasibility Study being developed for 2006 for the regulators addresses the sampling required to monitor the g-2 plume in future years, and that the overall strategy is to reduce the sampling frequency commensurate with residual risk from the plume

Environmental Targets FY06

- **Enhance Natural And Cultural Resource Management Program**
 - Specify the use of native vegetation where feasible in landscaping around buildings